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TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/678,725
Filing Date	October 3, 2003
First Named Inventor	Robert C. Lam
Art Unit	1771/Conf. #6124
Examiner Name	Peter Y. Choi
Attorney Docket Number	01170/00078

ENCLOSURES *(Check all that apply)*

- ☐ Fee Transmittal Form
  - ☐ Fee Attached
- ☑ Amendment/Reply
  - ☐ After Final
  - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Reply to Missing Parts/ Incomplete Application
  - ☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____
  - ☐ Landscape Table on CD
- ☐ After Allowance Communication to TC
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC **(Appeal Notice, Brief, Reply Brief)**
- ☐ Proprietary Information
- ☐ Status Letter
- ☑ Other Enclosure(s) (please Identify below):
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Emch, Schaffer, Schaub & Porcello Co., L.P.A.		
Signature	/Patrick P. Pacella/		
Printed name	Patrick P. Pacella		
Date	July 10, 2007	Reg. No.	25,463

CERTIFICATE OF TRANSMISSION/MAILING

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Signature	/Kathy A. Burgess/		
Typed or printed name	Kathy A. Burgess	Date	7/10/07

01170/00078

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Robert C. Lam
Serial No: 10/678,725
Filed: October 3, 2003
For: ELASTIC AND POROUS FRICTION MATERIAL WITH HIGH AMOUNTS OF FIBER

Exr. Peter Y. Choi
Art Unit: 1771
Confirmation No.: 6124

Commissioner of Patents
and Trademarks
Washington, D.C. 20231

July 9, 2007

RESPONSE

Sir:

In response to the Final Office Action mailed April 25, 2007, please amend the above-identified patent application as follows:

1. (Canceled).

2. (Previously Presented) The friction material of claim 14 wherein the fibrous base material comprises about 80% by weight fibers and about 20% by weight filler.

3. (Canceled)

4. (Previously Presented) The friction material of claim 14 wherein the fibrous base material is a non-woven fibrous material.

5. (Previously Presented) The friction material of claim 14, wherein the fibrous base material is a woven fibrous material.

6. (Canceled)

7. (Previously Presented) The friction material of claim 14, wherein the fibrous base material has an average pore diameter of about 5 to about 8 μm.

8. (Canceled)

9. (Previously Presented) The friction material of claim 14, wherein the resin comprises at least one of: phenolic resin, at least one modified phenolic resin, at least one silicone resin, at least one modified silicone resin, at least one epoxy resin, at least one modified epoxy resin, or mixture of the above.

10. – 13. (Canceled)

14. (Previously Presented) A friction material comprising a fibrous base material wherein the fibrous base material comprises about 75% to about 85%, by weight, fibers and about 15% to about 25%, by weight, fillers based on the weight of the fibrous base material, wherein the fibrous base material has an average voids volume from about 50% to about 85%, wherein the fibrous base material is impregnated with a resin, and wherein the fibrous base material comprises about 35 to about 45%, by weight, of a less fibrillated aramid fiber; about 5 to about 15%, by weight, cotton fibers, about 2 to about 20%, by weight, carbon fibers.

15 – 16. (Canceled)

17. (Currently Amended) A friction material comprising a fibrous base

material wherein the fibrous base material comprises about 75% to about ~~855~~ 85% by weight, fibers and about 15% to about 25%, by weight, fillers based on the weight of the fibrous base material, wherein the fibrous base material has an average voids volume from about 50% to about 85%, wherein the fibrous base material is impregnated with a resin, and wherein the fibrous base material comprises, by wt., from about 15 to about 25% cotton fibers, about 40 to about 50% aramid fibers, 10 to about 20% carbon fibers.

18. (Previously Presented) the friction material of claim 14 wherein the fibrous base material includes about 20 to about 70% by weight of the resin.

19. (New) A friction material comprising a fibrous base material wherein the fibrous base material comprises about 75% to about 85%, by weight, fibers and about 15% to about 25%, by weight, fillers based on the weight of the fibrous base material, wherein the fibrous base material has an average voids volume from about 50% to about 85%, wherein the fibrous base material is impregnated with a resin, and wherein the fibrous base material is a woven fibrous material.